

# Rajiv Gandhi University of Health Sciences

## M.Ch Degree Examination - JULY-2019

[Time: 3 Hours]

[Max. Marks: 100]

### CARDIOTHORACIC SURGERY - PAPER-IV

**Q.P. CODE: 9104**

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary. Answer all questions

**LONG ESSAY (These questions carry 10 marks each)****10 X 10 = 100 Marks**

1. Left ventricular assist devices
2. Sutureless aortic valves
3. Antegrade cerebral perfusion for arch surgery
4. Stem cells for cardiac surgical disease
5. Heparin alternatives
6. Robotic cardiac surgery
7. Airway stent
8. Minimally invasive cardiac surgery
9. Transmyocardial laser revascularization
10. Hybrid procedures

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